





OMIM Nucleotide Protein Structure PMC Taxonomy Book Search PubMed Clear for MCP-1 receptor AND antibody Go Clipboard Preview/Index History Details About Entrez Limits: only items with abstracts, English Summary Show: 200 Sort Send to Text Text Version One page. Items 1-48 of 48 1: Brock IV, Asosingh K, Vanderkerken K, Straetmans N, Van Camp Entrez PubMed Related Articles, Links B, Van Riet I. Overview Help | FAQ Chemokine receptor CCR2 is expressed by human multiple myeloma cells Tutorial and mediates migration to bone marrow stromal cell-produced monocyte New/Noteworthy E-Utilities chemotactic proteins MCP-1, -2 and -3. Br J Cancer. 2003 Mar 24;88(6):855-62. **PubMed Services** PMID: 12644822 [PubMed - indexed for MEDLINE] Journals Database 1 2: Vielhauer V, Anders HJ, Perez de Lema G, Luckow B, Schlondorff Related Articles, Links MeSH Database Single Citation Matcher D. Mack M. Batch Citation Matcher Phenotyping renal leukocyte subsets by four-color flow cytometry: Clinical Queries characterization of chemokine receptor expression. **LinkOut** Cubby Nephron Exp Nephrol. 2003;93(2):e63. PMID: 12629274 [PubMed - indexed for MEDLINE] Related Resources 3: Wang B, Dyer WB, Zaunders JJ, Mikhail M, Sullivan JS, Williams Related Articles, Links Order Documents L, Haddad DN, Harris G, Holt JA, Cooper DA, Miranda-Saksena M. **NLM Gateway** Boadle R, Kelleher AD, Saksena NK. TOXNET Consumer Health Comprehensive analyses of a unique HIV-1-infected nonprogressor reveal a Clinical Alerts complex association of immunobiological mechanisms in the context of ClinicalTrials gov PubMed Central replication-incompetent infection. Virology. 2002 Dec 20;304(2):246-64. Privacy Policy PMID: 12504566 [PubMed - indexed for MEDLINE] 4: Maus U. Henning S. Wenschuh H. Mayer K. Seeger W. Lohmeyer J. Related Articles, Links Role of endothelial MCP-1 in monocyte adhesion to inflamed human endothelium under physiological flow. Am J Physiol Heart Circ Physiol. 2002 Dec;283(6):H2584-91. PMID: 12388329 [PubMed - indexed for MEDLINE] 5: Wolf G, Jocks T, Zahner G, Panzer U, Stahl RA. Related Articles, Links Existence of a regulatory loop between MCP-1 and TGF-beta in glomerular immune injury. Am J Physiol Renal Physiol. 2002 Nov;283(5):F1075-84. PMID: 12372783 [PubMed - indexed for MEDLINE] 6: Maus U, von Grote K, Kuziel WA, Mack M, Miller EJ, Cihak J, Related Articles, Links Stangassinger M, Maus R, Schlondorff D, Seeger W, Lohmeyer J. The role of CC chemokine receptor 2 in alveolar monocyte and neutrophil immigration in intact mice. Am J Respir Crit Care Med. 2002 Aug 1;166(3):268-73. PMID: 12153956 [PubMed - indexed for MEDLINE]

h

migration in interface culture.

Ischemic cerebral tissue and MCP-1 enhance rat bone marrow stromal cell

7: Wang L, Li Y, Chen J, Gautam SC, Zhang Z, Lu M, Chopp M.

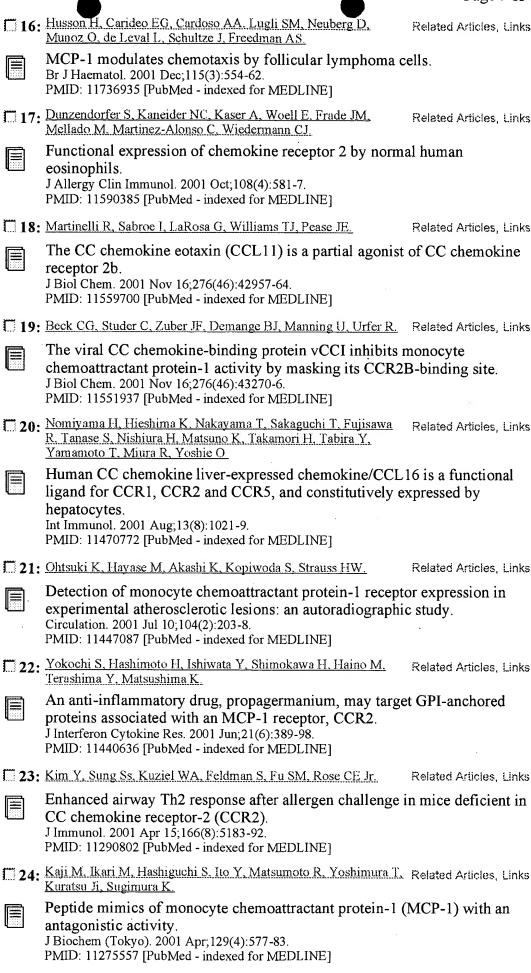
Related Articles, Links

Exp Hematol. 2002 Jul;30(7):831-6. PMID: 12135683 [PubMed - indexed for MEDLINE] 8: Panzer U, Schneider A, Guan Y, Reinking R, Zahner G, Harendza S, Related Articles, Links Wolf G. Thaiss F. Stahl RA. Effects of different PPARgamma-agonists on MCP-1 expression and monocyte recruitment in experimental glomerulonephritis. Kidney Int. 2002 Aug;62(2):455-64. PMID: 12110006 [PubMed - indexed for MEDLINE] 9: Banisadr G, Queraud-Lesaux F, Boutterin MC, Pelaprat D, Zale B. Related Articles, Links Rostene W. Haour F. Parsadaniantz SM. Distribution, cellular localization and functional role of CCR2 chemokine receptors in adult rat brain. J Neurochem. 2002 Apr;81(2):257-69. PMID: 12064472 [PubMed - indexed for MEDLINE] Related Articles, Links 10: Sodhi A, Biswas SK. Monocyte chemoattractant protein-1-induced activation of p42/44 MAPK and c-Jun in murine peritoneal macrophages: a potential pathway for macrophage activation. J Interferon Cytokine Res. 2002 May;22(5):517-26. PMID: 12060490 [PubMed - indexed for MEDLINE] 11: Maus UA, Koay MA, Delbeck T, Mack M, Ermert M, Ermert L, Related Articles, Links Blackwell TS, Christman JW, Schlondorff D, Seeger W, Lohmeyer Role of resident alveolar macrophages in leukocyte traffic into the alveolar air space of intact mice. Am J Physiol Lung Cell Mol Physiol. 2002 Jun;282(6):L1245-52. PMID: 12003780 [PubMed - indexed for MEDLINE] 12: Hisada M. Lal RB, Masciotra S, Rudolph DL, Martin MP. Related Articles, Links Carrington M. Wilks RJ, Manns A Chemokine receptor gene polymorphisms and risk of human T lymphotropic virus type I infection in Jamaica. J Infect Dis. 2002 May 1;185(9):1351-4. PMID: 12001056 [PubMed - indexed for MEDLINE] 13: Traynor TR, Herring AC, Dorf ME, Kuziel WA, Toews GB, Related Articles, Links Huffnagle GB. Differential roles of CC chemokine ligand 2/monocyte chemotactic protein-1 and CCR2 in the development of T1 immunity. J Immunol. 2002 May 1:168(9):4659-66. PMID: 11971015 [PubMed - indexed for MEDLINE] 14: Horvath C, Welt FG, Nedelman M, Rao P, Rogers C. Related Articles, Links Targeting CCR2 or CD18 inhibits experimental in-stent restenosis in primates: inhibitory potential depends on type of injury and leukocytes Circ Res. 2002 Mar 8;90(4):488-94. PMID: 11884380 [PubMed - indexed for MEDLINE] 15: Fife BT, Paniagua MC, Lukacs NW, Kunkel SL, Karpus WJ. Related Articles, Links Selective CC chemokine receptor expression by central nervous systeminfiltrating encephalitogenic T cells during experimental autoimmune encephalomyelitis. J Neurosci Res. 2001 Nov 15;66(4):705-14. PMID: 11746391 [PubMed - indexed for MEDLINE]

cb hg e e e fcg

e ch

b e



h

cb

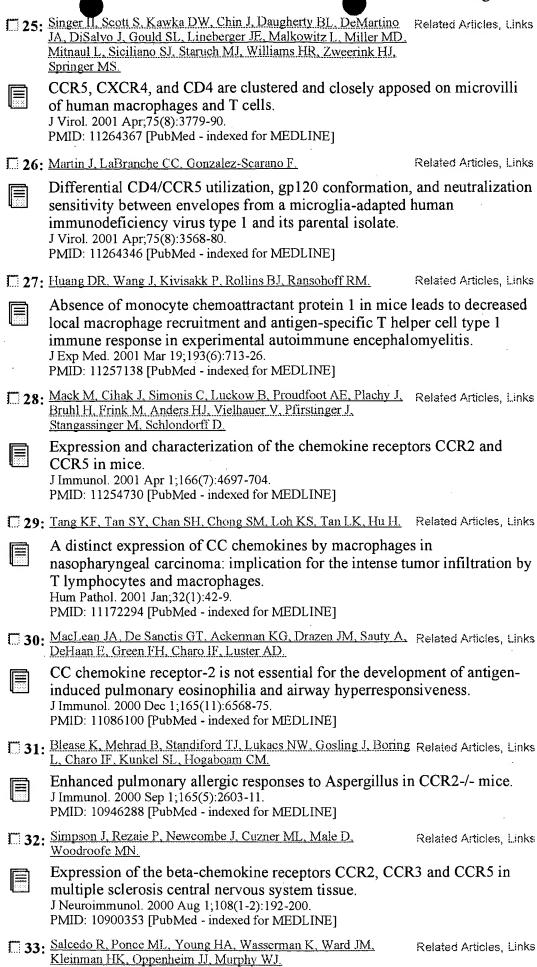
h g

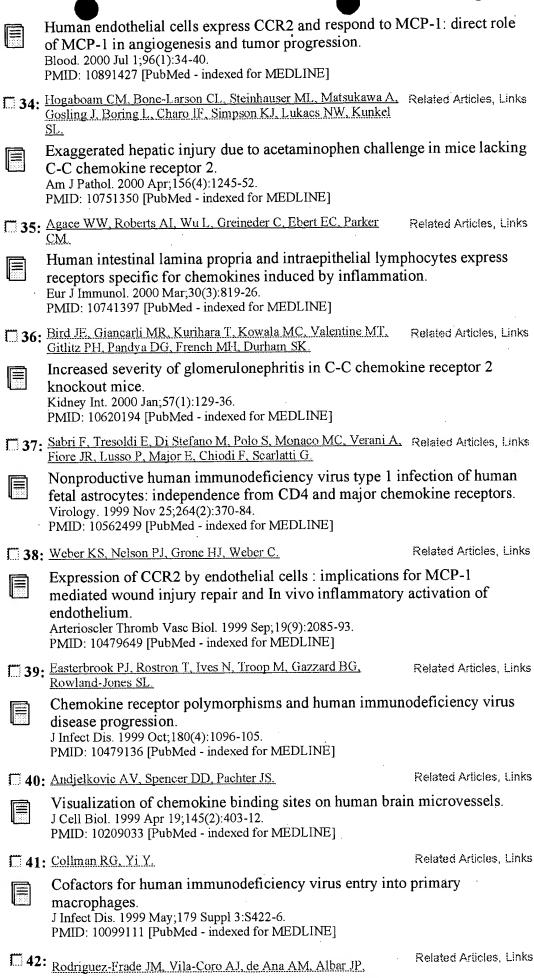
е

fcg

e ch

b e





cb hg e e

h

fcg

ech be

Martinez-A C, Mellado M.



The chemokine monocyte chemoattractant protein-1 induces functional responses through dimerization of its receptor CCR2.

Proc Natl Acad Sci U S A. 1999 Mar 30;96(7):3628-33. PMID: 10097088 [PubMed - indexed for MEDLINE]

1 43: Dal Monte P, Varani S, Lazzarotto T, Pignatelli S, Landini MP. Related Articles, Links

Prokaryotic expression of human cytomegalovirus pUS22 and its reactivity with human antibody.

Arch Virol. 1998;143(12):2413-9.

PMID: 9930196 [PubMed - indexed for MEDLINE]

44: Han KH, Tangirala RK, Green SR, Quehenberger O.

Related Articles, Links

Chemokine receptor CCR2 expression and monocyte chemoattractant protein-1-mediated chemotaxis in human monocytes. A regulatory role for plasma LDL.

Arterioscler Thromb Vasc Biol. 1998 Dec;18(12):1983-91. PMID: 9848893 [PubMed - indexed for MEDLINE]

45: Frade JM, Mellado M, del Real G, Gutierrez-Ramos JC, Lind P, Martinez-A C. Related Articles, Links

Characterization of the CCR2 chemokine receptor: functional CCR2 receptor expression in B cells.

J Immunol. 1997 Dec 1;159(11):5576-84.
PMID: 9548499 [PubMed - indexed for MEDLINE]

12 46: Heesen M, Tanabe S, Berman MA, Yoshizawa I, Luo Y, Kim RJ, Related Articles, Links Post TW, Gerard C, Dorf ME.

Mouse astrocytes respond to the chemokines MCP-1 and KC, but reverse transcriptase-polymerase chain reaction does not detect mRNA for the KC or new MCP-1 receptor.

J Neurosci Res. 1996 Aug 15;45(4):382-91.

PMID: 8872898 [PubMed - indexed for MEDLINE]

47: Gharaee-Kermani M, Denholm EM, Phan SH.

Related Articles, Links

Costimulation of fibroblast collagen and transforming growth factor beta gene expression by monocyte chemoattractant protein-1 via specific receptors.

J Biol Chem. 1996 Jul 26;271(30):17779-84.

PMID: 8663511 [PubMed - indexed for MEDLINE]

48: Qin S, LaRosa G, Campbell JJ, Smith-Heath H, Kassam N, Shi X, Related Articles, Links Zeng L, Buthcher EC, Mackay CR

Expression of monocyte chemoattractant protein-1 and interleukin-8 receptors on subsets of T cells: correlation with transendothelial chemotactic potential.

Eur J Immunol. 1996 Mar;26(3):640-7.

PMID: 8605932 [PubMed - indexed for MEDLINE]

Display Summary Show: 200 Sort Send to Text

Items 1-48 of 48

One page.

Write to the Help Desk
NCBI | NLM | NiH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

May 20 2003 11:14:45







Nucleotide Protein Genome Structure PMC Taxonomy MIMO Book Search PubMed for MCP-1 receptor AND IL-8 Go Clear ✓ Limits Preview/Index History Clipboard Details About Entrez Limits: only items with abstracts, English Summary Show: 200 ★ Text Send to Text Version Items 1-22 of 22 One page. Entrez PubMed 1: Szabo I, Chen XH, Xin L, Adler MW, Howard OM, Oppenheim JJ, Related Articles, Links Overview Help | FAQ Heterologous desensitization of opioid receptors by chemokines inhibits Tutorial New/Noteworthy chemotaxis and enhances the perception of pain. E-Utilities Proc Natl Acad Sci U S A. 2002 Aug 6;99(16):10276-81. PMID: 12130663 [PubMed - indexed for MEDLINE] **PubMed Services** 1 2: Pagliei S, Ghezzi P, Bizzarri C, Sabbatini V, Frascaroli G, Sozzani Journals Database Related Articles, Links S. Caselli G. Bertini R. MeSH Database Single Citation Matcher Thioredoxin specifically cross-desensitizes monocytes to MCP-1. **Batch Citation Matcher** Eur Cytokine Netw. 2002 Apr-Jun; 13(2):261-7. Clinical Queries PMID: 12101083 [PubMed - indexed for MEDLINE] LinkOut Cubby 3: Schwarz M, Wahl M, Resch K, Radeke HH. Related Articles, Links Related Resources IFNgamma induces functional chemokine receptor expression in human Order Documents mesangial cells. **NLM Gateway** Clin Exp Immunol. 2002 May; 128(2):285-94. TOXNET PMID: 11985519 [PubMed - indexed for MEDLINE] Consumer Health Clinical Alerts 4: Zhu K, Shen Q, Ulrich M, Zheng M. Related Articles, Links ClinicalTrials gov PubMed Central Human monocyte-derived dendritic cells expressing both chemotactic cytokines IL-8, MCP-1, RANTES and their receptors, and their selective Privacy Policy migration to these chemokines. Chin Med J (Engl). 2000 Dec;113(12):1124-8. PMID: 11776150 [PubMed - indexed for MEDLINE] 5: Rezaie P, Trillo-Pazos G, Everall IP, Male DK. Related Articles, Links Expression of beta-chemokines and chemokine receptors in human fetal astrocyte and microglial co-cultures: potential role of chemokines in the developing CNS. Glia. 2002 Jan;37(1):64-75. PMID: 11746784 [PubMed - indexed for MEDLINE] 6: Ekekezie II. Thibeault DW, Garola RE, Truog WE Related Articles, Links Monocyte chemoattractant protein-1 and its receptor CCR-2 in piglet lungs exposed to inhaled nitric oxide and hyperoxia. Pediatr Res. 2001 Nov;50(5):633-40. PMID: 11641460 [PubMed - indexed for MEDLINE] 7: Lazzarino DA, de Diego M, Hirschman SZ, Zhang KY, Shaikh S. Related Articles, Links Musi E, Liaw L, Alexander RJ.

Zernecke A, Weber KS, Erwig LP, Kluth DC, Schroppel B, Rees AJ,

IL-8 and MCP-1 secretion is enhanced by the peptide-nucleic acid

immunomodulator, Product R, in U937 cells and primary human monocytes.

h

cb

h g

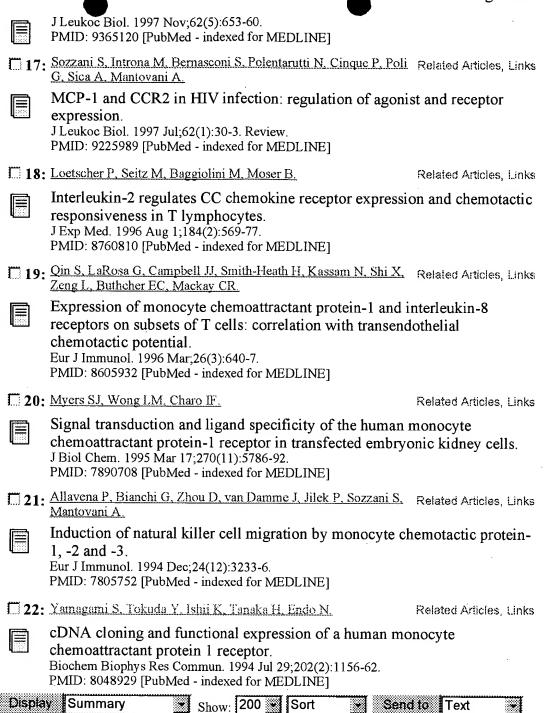
e fcg

e ch

b e

e

8. Weber C. Related Articles, Links Combinatorial model of chemokine involvement in glomerular monocyte recruitment: role of CXC chemokine receptor 2 in infiltration during nephrotoxic nephritis. J Immunol. 2001 May 1;166(9):5755-62. PMID: 11313419 [PubMed - indexed for MEDLINE] 9: Heinemann A. Hartnell A. Stubbs VE, Murakami K, Soler D. Related Articles, Links LaRosa G, Askenase PW, Williams TJ, Sabroe I. Basophil responses to chemokines are regulated by both sequential and cooperative receptor signaling. J Immunol. 2000 Dec 15;165(12):7224-33. PMID: 11120855 [PubMed - indexed for MEDLINE] 10: Damas JK, Eiken HG, Oie E, Bjerkeli V, Yndestad A, Ueland T, Related Articles, Links Tonnessen T, Geiran OR, Aass H, Simonsen S, Christensen G, Froland SS, Attramadal H, Gullestad L, Aukrust P Myocardial expression of CC- and CXC-chemokines and their receptors in human end-stage heart failure. Cardiovasc Res. 2000 Sep;47(4):778-87. PMID: 10974226 [PubMed - indexed for MEDLINE] 11: Hernmerich S, Paavola C, Bloom A, Bhakta S, Freedman R, Related Articles, Links Grunberger D. Krstenansky J. Lee S. McCarley D, Mulkins M. Wong B, Pease J, Mizoue L, Mirzadegan T, Polsky L Thompson K, Handel TM, Jarnagin K Identification of residues in the monocyte chemotactic protein-1 that contact the MCP-1 receptor, CCR2. Biochemistry. 1999 Oct 5;38(40):13013-25. PMID: 10529171 [PubMed - indexed for MEDLINE] 12: Jawa RS, Quaid GA, Williams MA, Cave CM, Robinson CT, Related Articles, Links Babcock GF, Lieberman MA, Witt D, Solomkin JS. Tumor necrosis factor alpha regulates CXC chemokine receptor expression and function. Shock. 1999 Jun;11(6):385-90. PMID: 10454826 [PubMed - indexed for MEDLINE] 13: Billstrom MA, Lehman LA, Scott Worthen G. Related Articles, Links Depletion of extracellular RANTES during human cytomegalovirus infection of endothelial cells. Am J Respir Cell Mol Biol. 1999 Aug;21(2):163-7. PMID: 10423397 [PubMed - indexed for MEDLINE] 14: Sallusto F, Kremmer E, Palermo B, Hoy A, Ponath P, Qin S, Related Articles, Links Forster R, Lipp M, Lanzavecchia A. Switch in chemokine receptor expression upon TCR stimulation reveals novel homing potential for recently activated T cells. Eur J Immunol. 1999 Jun; 29(6):2037-45. PMID: 10382767 [PubMed - indexed for MEDLINE] 15: Sanchez X, Suetomi K, Cousins-Hodges B, Horton JK, Navarro J. Related Articles, Links CXC chemokines suppress proliferation of myeloid progenitor cells by activation of the CXC chemokine receptor 2. J Immunol. 1998 Jan 15;160(2):906-10. PMID: 9551928 [PubMed - indexed for MEDLINE] 16: Xu L, Rahimpour R, Ran L, Kong C, Biragyn A, Andrews J, Related Articles, Links Devries M, Wang JM, Kelvin DJ Regulation of CCR2 chemokine receptor mRNA stability.



Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Freedom of Information Act | Disclaimer

May 20 2003 11:14:45

One page.

Items 1-22 of 22